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NABL ACCREDITED AS PER ISO/IEC 17025:2005

Job No.: CECTC-NC-W.No.06-2016-17 Date: 16.06.2016

TEST REPORT

CLIENT	:	**Assistant Executive Engineer,** Byatarayanpura Sub Division, BBMP, Bangalore.
AGENCY	:	**Sri. Naveen Chandra** Contractor, Bangalore.
NAME OF THE WORK	:	Construction of Culverts Dasarahalli Surrounding area in ward no.06, Byatarayanpura Sub Dvision, BBMP, Bangalore.
REFERENCE	:	BBMP/EE/BTP/WO/45/2016-17 Dated:27.05.2016
SAMPLE ID	:	Cement
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests are conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 8112-1989
1	a) Initial Setting Time	IS-4031 (Part -5)	140 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	370 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	29.00 %	-

Note:

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⇒ Any Query regarding the report must be reported within 90 days from the date of testing.

For Civil Expert

Authorised Signature

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Job No.: CECTC-NC-W.No.06-2016-17 Date : 16.06.2016

TEST REPORT ON FINE AGGREGATES (SAND)
IS 383-1970 (RA- 2002)

Client : **Assistant Executive Engineer,** Byatarayanpura Sub Division, BBMP, Bangalore.
Agency : **Sri. Naveen Chandra** Contractor, Bangalore.
Name of Work : Construction of Culverts Dasarahalli Surrounding area in ward no.06, Byatarayanpura Sub Dvision, BBMP, Bangalore.
Reference : BBMP/EE/BTP/WO/45/2016-17 Dated:27.05.2016
Date of Testing : 16.06.2016
Material : Sand Total Wt. of Aggregates **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	84	8.40	8.40	91.6	90-100
2.36	128	12.80	21.20	78.8	75-100
1.18	150	15.00	36.20	63.8	55-90
600 Micron	236	23.60	59.80	40.2	35-59
300 Micron	201	20.10	79.90	20.1	8-30
150 Micron	110	11.00	90.90	9.1	0-10

AE-06 n/a

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Job No.: CECTC-NC-W.No.06-2016-17 Date : 16.06.2016

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Assistant Executive Engineer,** Byatarayanpura Sub Division, BBMP, Bangalore.
Agency : **Sri. Naveen Chandra** Contractor, Bangalore.
Name of Work : Construction of Culverts Dasarahalli Surrounding area in ward no.06, Byatarayanpura Sub Dvision, BBMP, Bangalore.
Reference : BBMP/EE/BTP/WO/45/2016-17 Dated:27.05.2016
Date of Testing : 16.06.2016
Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	454	3.03	3.03	96.97	95-100
20	8365	55.77	58.79	41.21	30-70
10	3241	21.61	80.40	19.60	10-35
4.75	2480	16.53	96.93	3.07	0-5

AE-06 n/a

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Job No.: CECTC-NC-W.No.06-2016-17 Date : 16.06.2016

TEST REPORT ON COARSE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Assistant Executive Engineer,** Byatarayanpura Sub Division, BBMP, Bangalore.
Agency : **Sri. Naveen Chandra** Contractor, Bangalore.
Name of Work : Construction of Culverts Dasarahalli Surrounding area in ward no.06, Byatarayanpura Sub Dvision, BBMP, Bangalore.
Reference : BBMP/EE/BTP/WO/45/2016-17 Dated:27.05.2016
Date of Testing : 16.06.2016
Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	132	2.6	2.6	97.4	95-100
10	2490	49.8	52.4	47.6	25-55
4.75	1956	39.1	91.6	8.4	0-10

AE-06 nfa

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